

TITLE: Electrical Engineer 3

FULL PART-TIME: Full Time

PERMANENT/TEMP: Permanent **CITY:** Atmore

COUNTY: Escambia **STATE:** AL

COUNTRY: US **EXEMPT:** Yes

KEY EMPLOYEE STATUS

The Electrical Engineer 3 is not designated as a Key Employee.

REPORTING RELATIONSHIP

The Electrical Engineer 3 reports to the Program Manager.

DUTIES AND RESPONSIBILITIES

- Oversees and reviews work performed by junior engineers including research, designs, test plans and reports
- Reviews and checks calculations and junior engineer work including electrical component evaluations, equipment, systems choices, and applied principles and techniques of electrical engineering related to USAF aircraft and electrical/avionic systems
- Final review authority for analyses such as electrical load analyses for aircraft modification purposes
- Reviews Acceptance Test Plans, aircraft system test plans, EMI/EMC source-victim tests, and other plans as well as corresponding reports when testing is completed
- Supports on-site installation of modified systems during prototyping phases
- Hosts/attends design review meetings with PM and prepares for and responds to inputs and customer-driven changes due to such meetings
- Reviews engineering source data including instructions, diagrams, and schematics for technical publications such as maintenance, installation, and operation technical manuals
- Reviews designed and developed test control apparatus and equipment
- Oversees analysis of system and subsystem interaction with related aircraft systems and has a very high degree of knowledge of aircraft system interaction and integration
- Reviews methods, procedures, and conditions for testing installed systems and subsystems components
- May support installation, test, and operation of equipment and systems in field installations
- Uses and suggests computer-assisted engineering and design software and equipment to perform engineering tasks
- Prepares processes to ensure consistency of design across all programs and projects and complies with AS-9100 and other quality system requirements for design and development.

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(*Ecke* application must be submitted)

Resumes to: HR@pcicie.com

Ecke HR Department 100 Brookwood Road, Atmore, AL 36502

Phone (251) 368—0819

QUALIFICATIONS

- Bachelor's Degree (BSEE) with at least 15 Years' experience
Or
Master's Degree (BSEE) with at least 10 Years' experience
- At least 1 Year experience with specialized software training in:
 - SolidWorks, AutoCAD, CATIA Design software
 - Electrical system modeling software (LabView, PSPICE, ORCAD)
- High degree of knowledge of standards, Mil-specs, and other engineering requirements documentation.
- Aircraft modification background is a plus
- Familiar with MS Office Suite
- Effective written and oral communication skills

TRAVEL:

Must be able to travel (10%)

REMOTE:

This position is located at the PCI Aviation Corporate Office and is not a remote or work-from-home position; however, travel may be required.

SECURITY REQUIREMENTS:

Must be able to obtain and maintain a security clearance at the contract required level. US Citizenship is required for clearance.

Equal Opportunity Notices

- PCIA is an Equal Opportunity/Affirmative Action Employer. Except as allowed by law, PCIA evaluates qualified applicants without regard to race, age, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, physical or mental disability, genetic factors, veteran status, and other protected characteristics EOE/AA/M/F/D/V.
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- Please view Equal Employment Opportunity Posters provided by OFCCP [here](#).
- PCIA will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information. 41 CFR 60-1.35(c) PCIA is owned (directly or indirectly) by a federally recognized Indian tribe. Therefore, in accordance with federal law and regulation, PCIA may give preference to Indians with regard to positions on or near an Indian reservation.

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